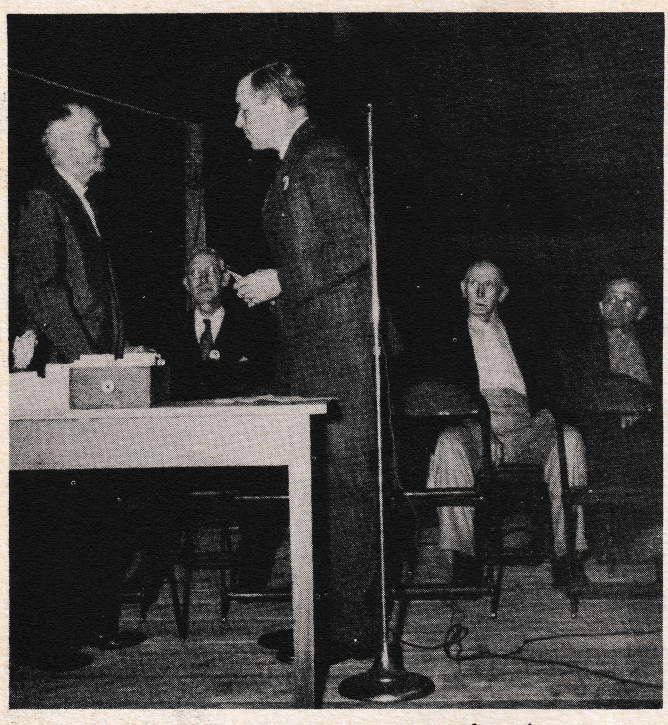
Turbine Topics

Vol. 1 No. 4 Issued For and By the Employees of S. Morgan Smith Co. July, 1943

The Old-Timers

"S. Morgan Smith Company Presents Service Emblems to Employees"

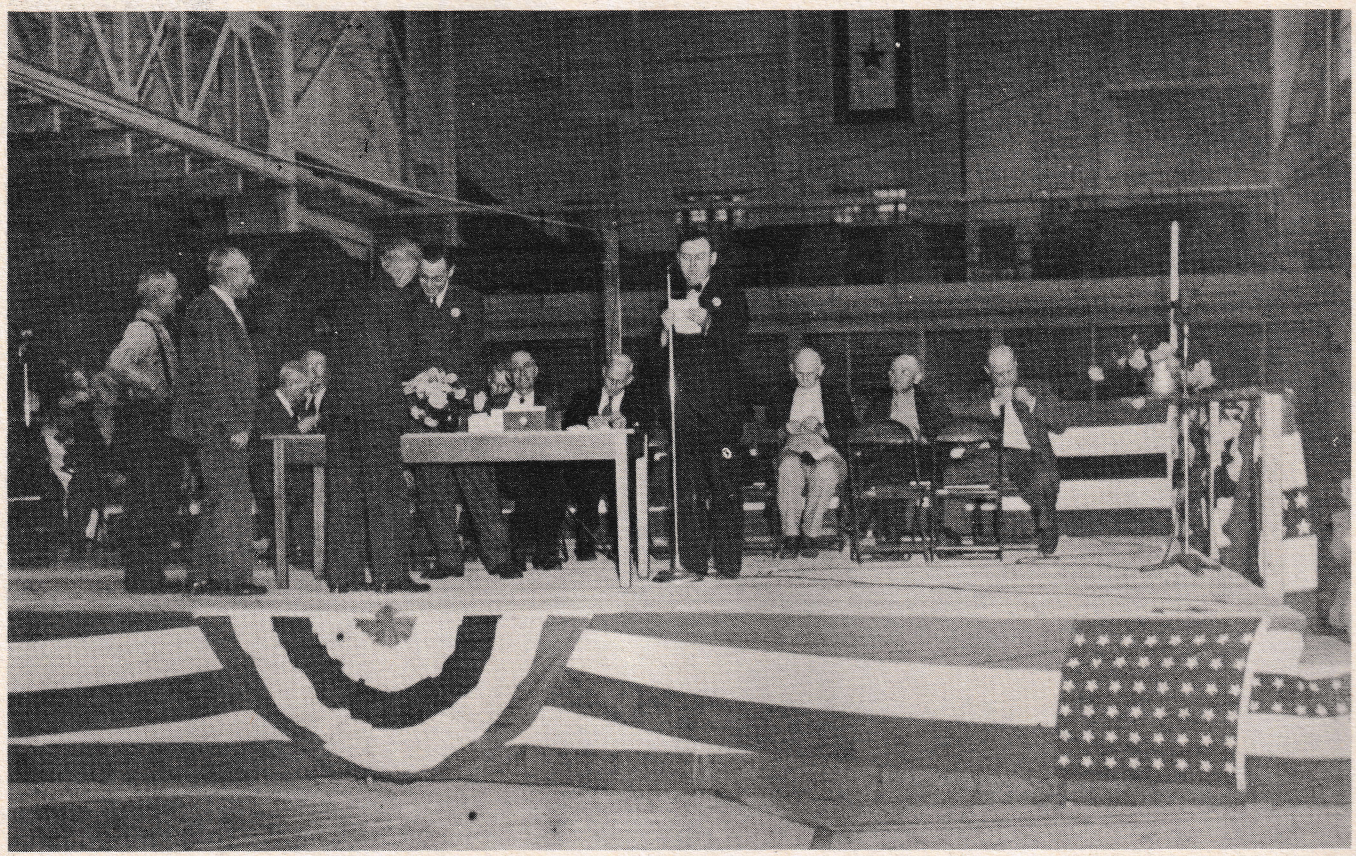
See page 3 for feature article



HARRY STRAUSBAUGH, 51 years of service

SAMUEL "JACK" KORMENY, 51 years of service

They are being presented with 50-year gold diamond-studded service pins by B. E. Smith.



SERVICE EMBLEMS being presented to some members of the "25-Year Club" by B. E. Smith, president, and D. C. Devine, plant manager.

S. MORGAN SMITH COMPANY PRESENTS SERVICE EMBLEMS TO EMPLOYEES

"It is eminently fitting and proper that we should recognize the years of service given by our older employees because it is these older employees who have established the character and good reputation which our company name carries not only among the users of our regular products, but also with the armed services and the war industries which are now purchasing directly or indirectly such a large proportion of our total production." This statement by Beauchamp E. Smith, president of our company, during the presentation of service emblems expresses completely the purpose for instituting this idea of awarding pins to employees who have been with the company for five or more years.

The newest addition to our plant, the large erection floor was the appropriate location for the presentation ceremonies from 4:30 to 7:30 Wednesday evening, June 9. The work day of both night and day employees was shortened by an hour and a half so that all personnel would be able to attend.

Our band and chorus under the direction of Alfred L. Stumpf entertained the workers as they assembled at the long tables from 4:30 to 5. Then Mr. Smith called to the platform the sixteen "guests of honor," each of whom had been an employee of the company for forty or more years. These distinguished veterans were the first to receive service emblems. Three of the men were recipients of the blue and gold 50-year pins, bearing the four diamond setting. The employee who has been with the company for the longest period of time, Charles A. Shettle, Stock Gallery, with 53 years of service, was unfortunately unable to attend the party because of illness. However, the two runners-up, Harry Strausbaugh, Tool Room, and Samuel "Jack" Kormeny, Pattern Shop, both having served 51 years were on hand to receive their pins and hear the thunderous applause given them by admiring fellow workers.

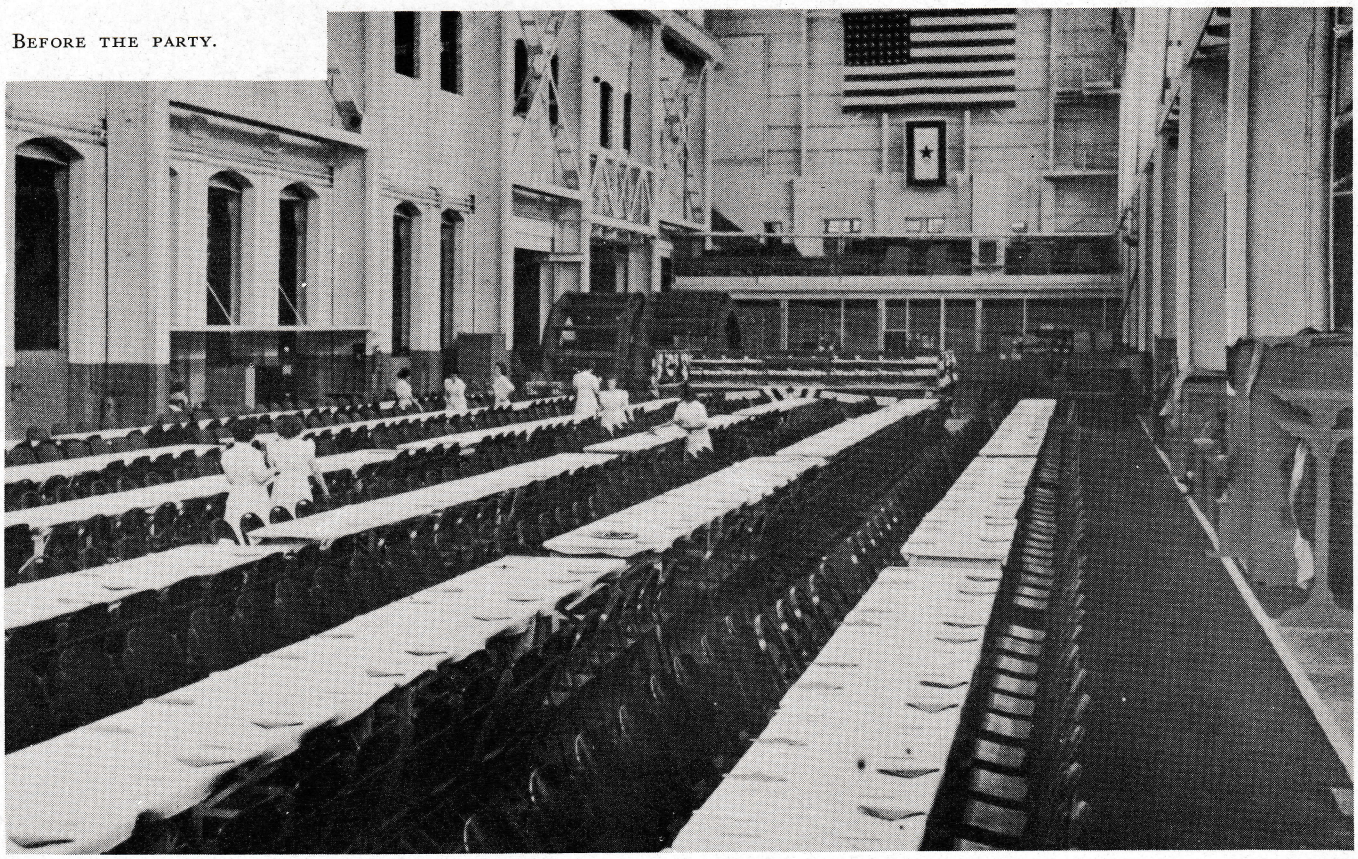
Of the remaining men on the platform, Joseph E. Williams, Yard Gang; William P. McIlvain, foreman Floor 1; Henry P. Reisinger, Floor 1; Abraham S. Crull, plumber; and George W. Axe, Floor 1, received 45-year pins; George J. Schlaanstine, Production Dept.; George A. Jessop, Chief Engineer; Fred Kulhman, Dept. A; Reuben Reisinger, foreman Pattern Shop; James S. T. Strayer, Traffic Manager; and Charles H. Zech, Pattern Shop, received 40-year pins.

The presentation of pins to the remaining "25-Year Club" members was the next event. Seventy-two employees seated in the audience came to the platform to receive either 35, 30 or 25-year emblems.

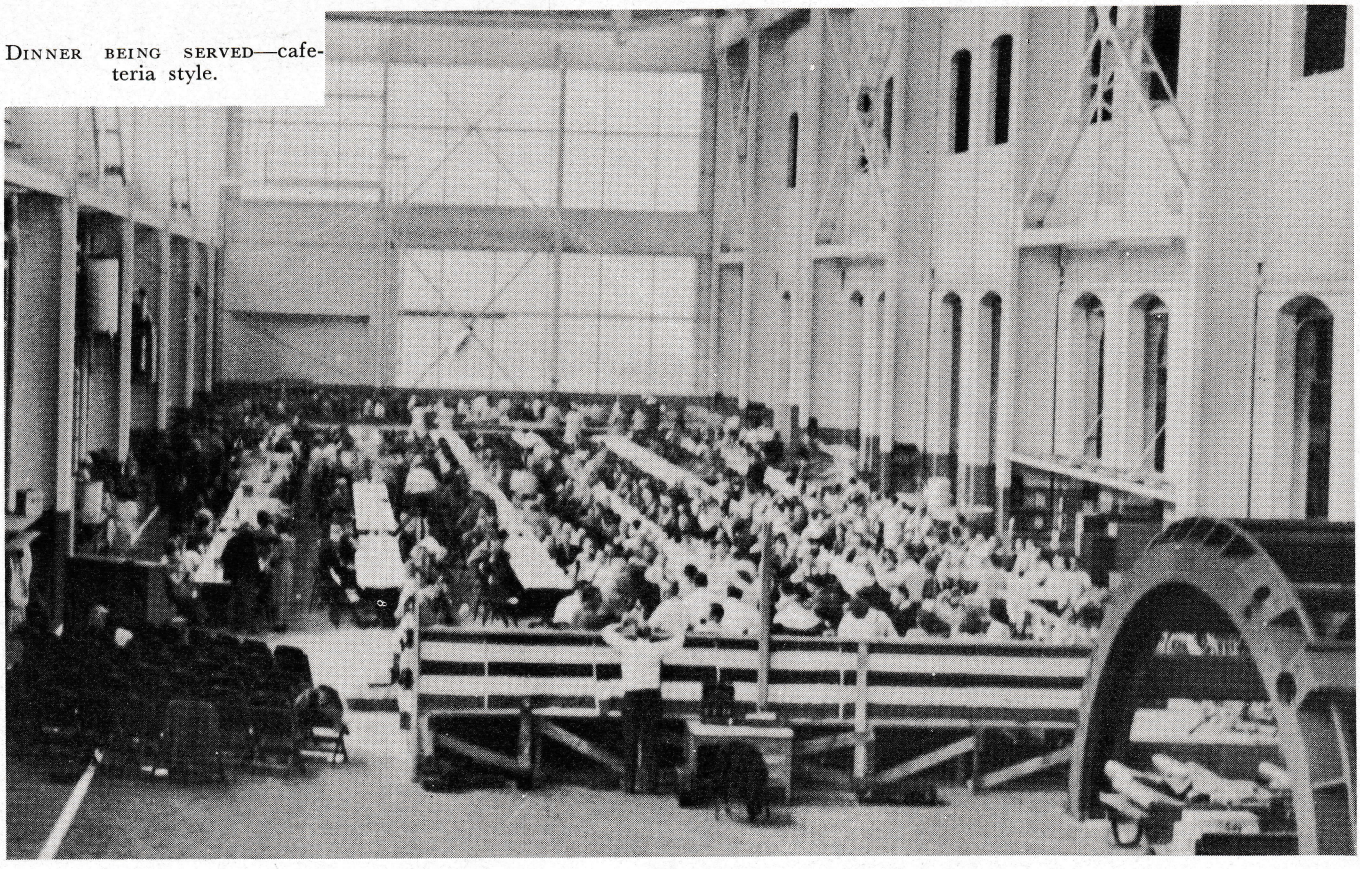
There are only two women in this exclusive "25-Year Club," Annie J. E. Brunner, head of Stenographic Dept., with 30 years of service, and Elsie E. Elicker, chief telephone operator, with 26 years of service. Each was presented with a corsage

Some of the Old-Timers swapping yarns about the past.

BEFORE THE PARTY.



DINNER BEING SERVED—cafeteria style.



S. Morgan Smith Co. mixed chorus. James Strayer, Harry Heilman and Ed Shanabrough and the rest of the boys standing in the background must have something to do with the management of the mixed chorus—they can't sing!

Swing and Sway Sisters.

Forge Fire Quintet.

LUCY SPAHR, first woman machine operator in the plant, pinning service emblem on the coat of Harry Strausbaugh. Wouldn't you like this kind of service, Mr. Smith?

AL STUMPF directing the S. M. S. Co. band.

THE POPULAR and versatile Hill Billies. (They were playing right-handed that night.)

of yellow roses as she mounted the platform. But special mention must be made of Elsie Whitcomb, Stenographic Dept., Marjorie I. Campbell, Boston Office, and Lillian Gustafson, Chicago Office, who each have 24 years of service.

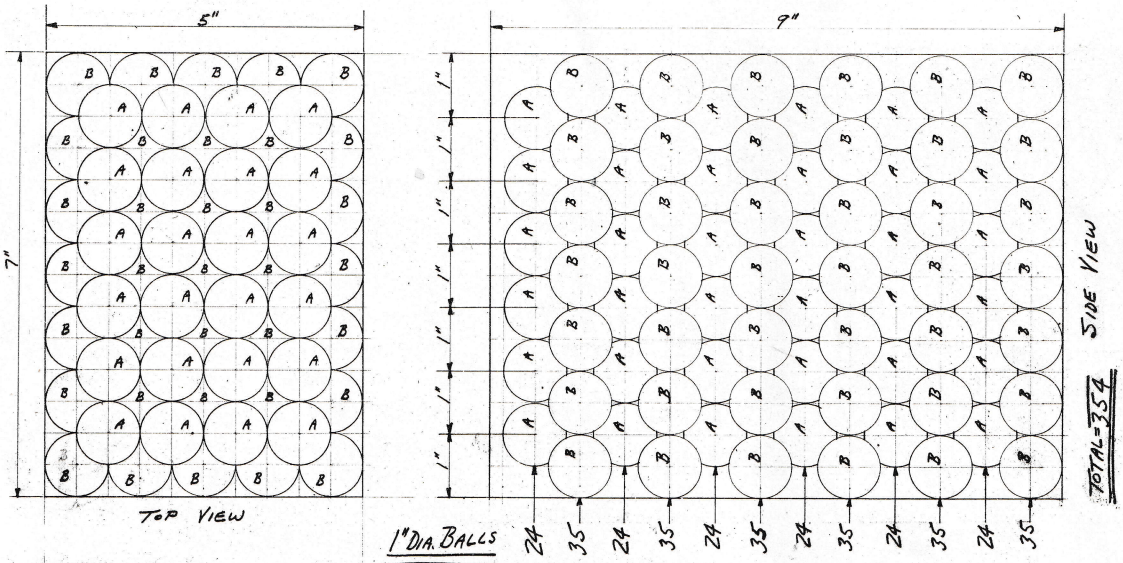
As the presentation of pins terminated, Harry Strausbaugh requested that he be given the honor of having the first woman to operate a machine in our plant, Lucy Spahr, pin his emblem on his lapel.

Following these presentation ceremonies, a cafeteria-style dinner was served. Entertainment during the dinner was provided by the Hill Billy Serenaders, who made their first public appearance before all of the employees of the plant. The demand for more music in the hill billy vein was answered by the renditions of the Forge Fire Quintet and the Swing and Sway Sisters.

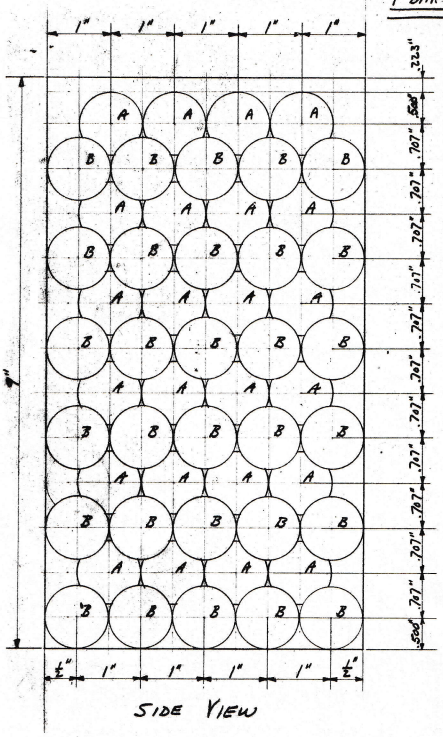
During the latter part of the dinner the remaining pins, 20, 15, 10 and 5-year, were distributed at designated points. The service pins are distinctive in color or in shape for each 5-year period, starting with a simple pin for those with five years of service and becoming more elaborate as the years of service increase.

Of the 664 persons on the company roster on May 1, 371, or 56 per cent were entitled to service pins; 88 employees, or 13¼ per cent of this group are members of the "25-Year Club"; and this club represents the amazing total of 2,878 man years of service, or an average of 32½ years per man.

This record, outstanding for a company of our size, reflects the cooperation and character of S. M. S. employees, who each builds something of his or her own character and individual ability into every part which leaves the shipping department, and in this way has helped to establish the favorable reputation which we enjoy.



Since the "Problem of the Month" printed in the April issue of "Turbine Topics" was not stated definitely enough, the answer which appeared in the following issue was not the only correct one. G. Dugan Johnson, Engineering Dept., defined the conditions described in the problem more clearly and submitted his answer. Is it correct?



Dear Editors:

The original "Problem of the Month" appeared on page 19 of the April, 1943, issue of "Turbine Topics" and read as follows: "Two boxes, each 5" x 7" x 9", are *filled to capacity* with steel balls. If the one box is filled with one-quarter inch diameter balls, and the other is filled with one inch diameter balls, which box will weigh more?" The answer given in the May issue follows: "The voume of a ¼ inch ball is 1/64 of the volume of a one inch ball and 64 times as many ¼ inch balls will occupy the same space as the one inch balls. Therefore, both boxes will weigh exactly the same or approximately 47 pounds."

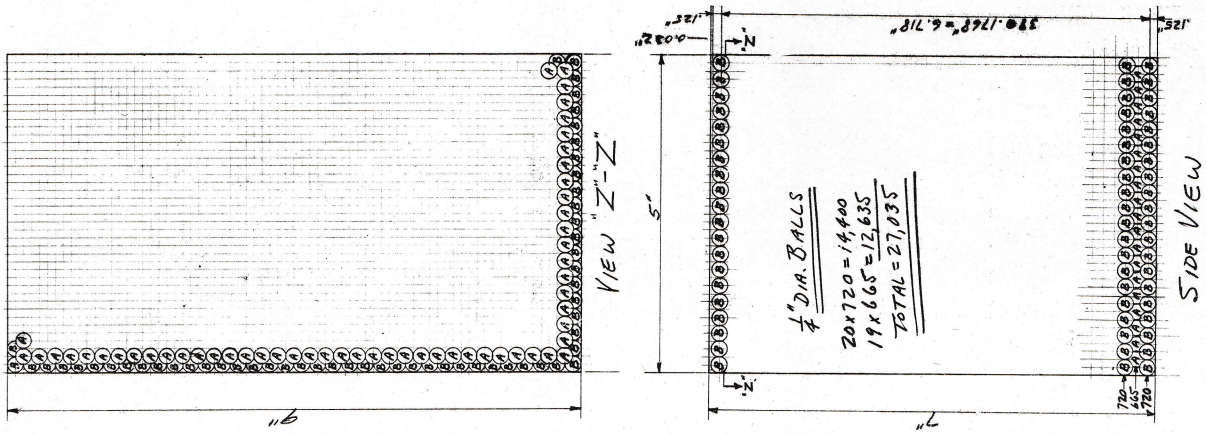
The weight of a one inch steel ball is approximately 0.147 lbs. so that 315 of them weigh approximately 46.5 lbs. (or 47 lbs.). Apparently, the above solution assumes that the balls form equal layers to just exactly fill the box, a condition which is almost impossible to achieve without some apparatus to hold the balls in place while each layer is being completed and which does not utilize the full capacity of each box.

Actually the balls assume positions as indicated on the accompanying sketch. With one box resting on a 5" x 7" side and the top open for filling with one inch diameter balls, the first 35 balls placed therein form a "B" layer 7 balls long by 5 balls wide at the bottom of the box. The next 24 balls form an "A" layer 6 balls long by 4 balls wide on top of the "B" layer. The next 35 balls form another "B" layer, and the next 24 balls form another "A" layer, and so on, with alternating "B" and "A" layers until the box is filled. (Trigonometric analysis, substantiated by actual measurement, indicates that the distance from center to center of adjacent layers is 0.707 times the ball diameter.) Six "B" layers and six "A" layers fill the box to 0.223" from the top, since 2 x 0.500" plus 11 x 0.707" = 8.777". The number of balls is 6 x 35 plus 6 x 24 = 354, and the approximate weight is 354 x 0.147 = 52 lbs. The position of the box is chosen so that the greatest number of balls is contained therein and it is indeed "filled to capacity."

Similarly, with the other box resting on a 5" x 9" side, the first 720 one-quarter inch diameter balls from a "B" layer 36 balls long by 20 balls wide. The next 665 balls form an "A" layer 35 balls long by 19 balls wide; the next 720 balls form another "B" layer, and the next 665 balls form another "A" layer, and so on, until the box is filled. Twenty "B" layers and nineteen "A" layers fill the box to 0.032" from the top since 2 x 0.125" plus 38 x 0.707 x 0.250" = 6.968." The number of balls is 20 x 720 plus 19 x 665 = 27,035 and the approximate weight is $27{,}035 \times \frac{0.147}{64} = 62$ lbs.

Hence, the correct answer to the problem is that the box filled to capacity with one-quarter inch diameter balls weighs more than the box filled to capacity with one inch diameter balls.

G. DUGAN JOHNSON.



UP *and* DOWN *the* AISLE

David Francis Walters, who died suddenly on May 30 at 3:50 a. m. in the York Hospital, fell down the steps from the second to the first floor of his boarding house at 115 N. West Street. His death resulted from a brain injury received in the fall, which occurred about thirty minutes before his death.

Dave was born in South Wales, England, on November 8, 1882. He attended school for eight years in England, and worked in the mines for several years until he sailed on the *Lucania* for the United States in 1907. He arrived in New York in July, 1907, and moved to Woodsbury, Pa. Dave secured a position with the Kingston Coal Company in 1907, and continued working with this company until 1939. During this period he attended Woodsbury Mining Institute for two terms and was enrolled in a mining course.

On August 11, 1942, he was employed by our company as a sweeper in the Navy Erection Dept.

Surviving are his wife, Mrs. Jessie Walters, Dallastown, and his son, David F. Walters, Jr., who is employed as a welder in our plant.

Funeral services were held on June 2 at Edwardsville near Wilkes Barre. Interment was in the Forty-Fort Cemetery.

* * *

Mr. and Mrs. Kenneth Crumbling entertained Billy Sterner, Plate Shop, and Dorothy Hively at their home in Hellam, Saturday, June 27. They tried out a new charcoal burner, and are now enthusiastic about this method of roasting hot dogs. While the roast was in progress the neighbors dropped in. We understand that a good time was had by all, except that no one knew any good jokes.

Much to our surprise we have heard the news that Vernon Hoke has finally married THE girl. On June 12 Mr. and Mrs. J. Albert Patterson, 619 Smith Street, announced the marriage of their daughter, Regena, to Vernon, the son of Mrs. Leah Hoke, 1013 N. Duke Street. The ceremony was performed May 28 at State Line, Md. Both are graduates of the York High School and the bride was graduated from the York Hospital School of Nursing, class of 1943. A great surprise to us in Dept. B was that he handed each of us a five-cent cigar.

* * *

In attempting to secure information on "How to Reduce Your Income Tax," Albert Shaffer, foreman of the Tool Room, lost a cigar to Herman Harper, resident inspector for our special Navy contract. Albert will be glad to explain the proper procedure to any interested party for the price of another cigar.

* * *

Prof. William A. Willoughby is in our midst once more. The professor joins our ranks every summer as a machinist lay-out in Dept. B. He is a teacher at the Camp Curtin Junior High School of Harrisburg.

* * *

We in Dept. B are glad to have with us again our boss, Dan Flohr, who spent a restful and peaceful vacation in the country.

* * *

Six employees completed Pennsylvania State College Extension Courses in June. They are Walter Rohrbaugh, Auditing; Richard Smith, Corporation and Mfg. Accounting; Esther Williams and Betty Davis, Engineering Drafting I; Charlotte Kephart, Industrial Accounting; and Elizabeth Constantine, Industrial Organization and Management. Esther Williams and Charlotte Kephart had a perfect attendance record throughout the 14½-weeks course.

Pattern Shop employees, proud to have one of the 50-year men in their department, presented to Samuel "Jack" Kormeny a combination billfold and key container.

* * *

Anyone who saw the group of men responsible for setting up the tables and chairs, etc., at work Wednesday afternoon, June 9, before the party, may have seen someone standing on the crane, waving a long stick and shouting "threatening" oaths at a pigeon which was fluttering around among the roof joists. After a half-hour spent in vain it was reported that someone resorted to a gun. The clerk in Floor 1 was presented with a unique pencil-holder—an open-mouthed pigeon head. Someone has said that she is feeling rather guilty because she hasn't thanked the donor. But when she found the present there wasn't a Floor 1 man in sight, and none of them seem to know anything about it now. Soon after the party got under way that Wednesday night, one of the "dead" pigeons came swooping into the erection floor and flew excitedly about until the Hill Billies began to play—then it spied an open door and left in a hurry.

Lewis King, resident inspector of Bonneville units, and his son, Allen, who already shows an interest in hydraulic engineering and is a frequent visitor to the lab.

CITY SLICKERS

A party of husky young blades, consisting of George Myers, Dick and Bob Wolf, Russ Fetrow and Ken Frey, went communing with nature on Saturday, June 26. Coming to a fence they gayly scampered over it and went romping down through the field. Suddenly Frey stopped and said, "Say, fellows, look at those monstrous brutes ahead. I think I'll detour." The party became a little uneasy but when someone said, "Who's afraid of a little cow," they continued on their way.

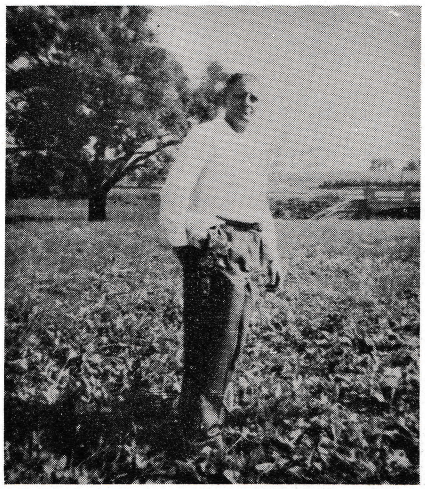
Frey continued to spread fear by saying what vicious-looking horns and just look how big they are, why if they would tramp on you there would be just a grease spot. Suddenly a mighty roar filled the air and looking up they beheld one of the described demons with about a yard or two of the most wicked-looking horns atop his head charging down upon them. This horrible-looking creature combined with Frey's progaganda was enough to strike fear into even the bravest. With one accord they fled, with the fellow who wasn't afraid of a cow leading the way.

After reaching safety they felt humiliated about being afraid of a few little cows. So picking up some logs as clubs, they made their way slowly back through the field, past the cows and into the woods where they all stopped and mopped the sweat from their brows.

Of course, Frey got the blame for being scared, but he didn't carry the rest back to the fence and he still can't see how they got there before him. The latest news is that they received a contract to appear in the rodeo at Madison Square Garden—as bullthrowers.

* * *

Raymond Staub, McSherrystown, Pa., and Blanche Armold, Shop Office mail clerk, announced their engagement July 2. No date has been set for the wedding.



Herbie Zimmerman, Dept. B, and his sweet potato vines. He is hoping sweet potatoes are 35 cents a pound.

* * *

ANSWER TO LAST MONTH'S PROBLEM

The length of one turn of the spiral is equal to the length of the hypotenuse (longest side) of a right triangle having a base equal to the circumference of the column and a height equal to the height of the spiral on the column in one turn. Using trigonometry or the Pythagorean theorem the length of the long side of the triangle is found to be 65.89 feet. The total length of the spiral is five times 65.89 feet or 329.45 feet.

PRODUCTION NEWS

Richard Eugene, weighing 7 lbs., 8½ oz., became the third boy in the family of Bill Enterline, Dept. A, on June 10. Quote Papa Bill: "I don't think they're making girls any more."

* * *

But at 11:33 a. m. on June 16, Dugan Johnson, Engineering Dept., began handing out cigars, for Carol Susan, weighing 6 lbs., 13 oz., had just put in her appearance.

* * *

Nevin Dietz, Plate Shop, has become the proud father of another boy. The event occurred at 11:58 a. m., June 25, at the York Hospital. Charles Lynn is the baby's name.

Mr. and Mrs. Kenneth Weaver became the parents of a daughter, Karen Eileen, on Sunday, June 6. Karen Eileen weighed 6 lbs., 7 oz. Our congratulations to Kennie, who is on the night shift in Dept. A.

* * *

On June 5, a daughter, Josephine Caroline, was born to Mr. and Mrs. Edward Wills. Ed works in the Weld Shop.

* * *

Paul Schrum, Maintenance, is the proud daddy of a girl baby born 3 a. m. Thursday, June 10, at home. Name, Barbara Jane. The Schrum family now consists of eight girls and two boys.

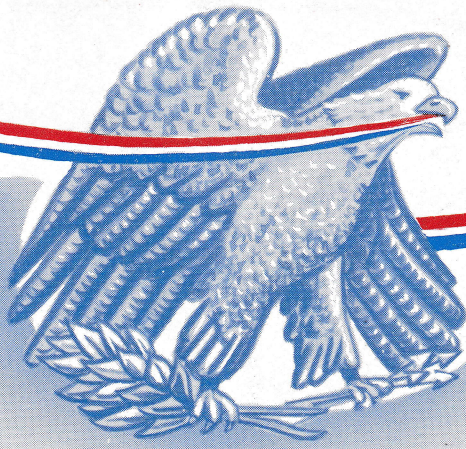
* * *

The lack of only one year of service prevented Robert Koch from being listed with the 50-year men and receiving a 50-year service emblem instead of a 45-year emblem at the party, June 9. If Anthony "Tony" Hoffman, janitor, had started working here just one year sooner, he would have been among those "Old-Timers" on the platform, who had 40 to 51 years of service.

EDITORIAL STAFF

EDITORS—Raymond A. Dietz, Elmer E. Aughenbaugh, E. Everett Pierce, Jr., Grant H. Voaden

REPORTERS — James S. A. Strayer, George T. Phillips, Lynn Sterner, William Myers, John Godfrey, Philip Wecker, John Beigh, Robert Wolf, George Myers, Joe Warner, James Decker, Walter Allison, Gene Shindel, William Kling, Theodore Hake, Charlotte Kephart, Woodrow Smith, Robert Rudacille, Walter Rohrbaugh, Arline Fitzkee, Ruth Jamison



HONOR ROLL

For Employees of S. Morgan Smith Co.

Who Have Joined

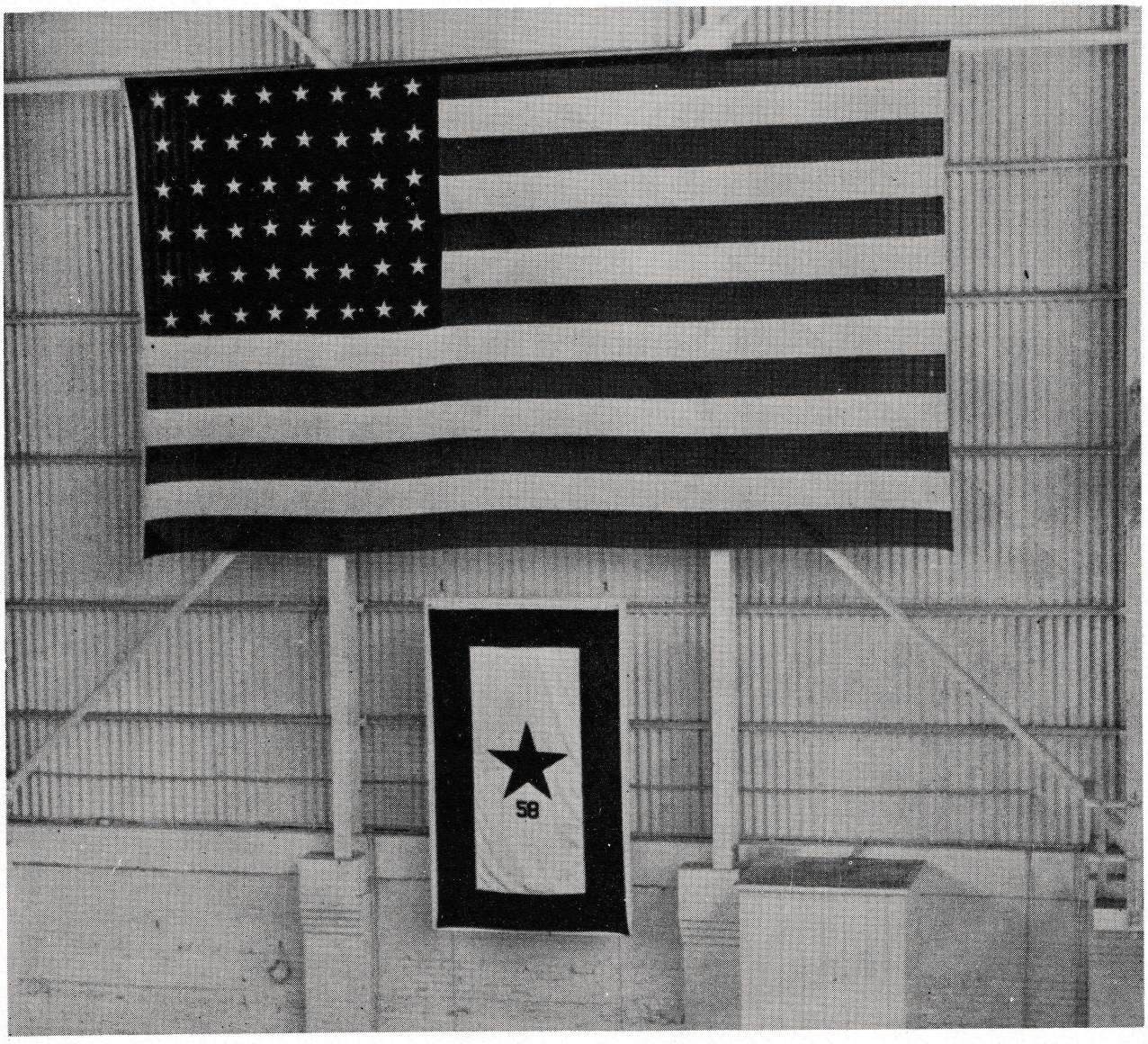
THE ARMED FORCES

R. ADREON
C. ANSTINE
J. AVIS
W. BAILEY
W. BAIR
E. BAKER
M. BIEVENOUR
S. CRONE
G. DRESCHER
C. HOKE
R. KETTERMAN
H. LEIBENKNECHT
C. MEISENHELTER
R. MEISENHELDER
C. MOWERY
W. MUSSER
I. McHENRY
C. RAIFSNIDER
K. REEVER
H. STRAYER
J. STROBECK
G. WECKER
C. WILT, JR.
C. CUNNINGHAM
F. KINLEY
R. McWILLIAMS
G. WINAND
E. CUSTER
G. KOHLER
L. LIGHTNER
J. McHENRY
R. MYERS
W. SENFT
J. SHAFFER
J. DELLINGER
A. WELTY
J. ROWE
R. SPRENKLE
W. TEST
H. ELICKER
W. BENNINGTON
K. HEINDEL
J. McSHERRY
D. REID
N. VanHORN
L. FISHEL
R. SPONSLER
J. BOECKEL
J. BOLLINGER
A. BORING
M. GLADFELTER
R. RAUCH
C. RUDACILLE
R. KRESSLER
D. SNYDER
P. SMITH
G. EARLY
E. KRAUS

KEEP IN CONTACT—WRITE TO THEM OFTEN

SEE PERSONNEL OFFICE FOR ADDRESSES

★ ★ ★



AMERICAN FLAG 15′ x 25′
AND
SERVICE FLAG 6′ x 10′

Placed on west wall of new erection floor in honor of S. M. S. boys in the service.

V ◇ ◇ ◇ — MAIL

Camp Tyson, Tenn., May 26.

Please accept my sincere thanks for the V note and for the company newspaper. It made me so happy to receive them and I know they will bring happiness to the rest of the former employees in the service. I think the company newspaper and the V note are two wonderful gifts for us boys in the service. At this time let me wish S. Morgan Smith Co. all the success in the world. For in my opinion you have rendered a great service to your country by helping to keep up the morale of the fighting men. I hope to be able to see you all in the near future. So keep up the good work and I know we will do our part in bringing peace to the world once more.

Yours truly,
PVT. JAMES G. ROWE.

Truax Field, Wis., June 10.

Received your money order and thanks for everything. It sure is good and hot out here.

You should be here. Talk about wine, women and song, we got them. We don't make much money, but we sure have a great time. The town is sure wide open every day in the week.

The scenery here is very good indeed, the air is invigorating and sure puts hair on your chest a lot faster than it grows on a cue ball.

Hope the boys are all feeling fine as I am at present. We have quite a few stage shows here every month. Am only a couple hours ride from Chicago and go there quite often.

So with these few parting lines am closing hoping to hear from you soon.

Yours truly,
CPL. MOWERY.

Bremerton, Wash., June 11.

As you probably know by now, I received my 2/c musician's rating when I finished boots. I was at Bainbridge for a few weeks after my boot training and then I was sent here to Puget Sound Navy Yard, where I am attached to the band, temporarily.

Thanks to you fellows in the shop, I have been receiving the five dollar checks regularly. They sure help me remember that the fellows in the service are not alone in this job we have to do. I know that you men are doing your part. Just keep up the good work. I am looking forward to the time when we can all be together again.

Yours sincerely,
KENNETH R. HEINDEL.

Chanute Field, Ill., June 14.

You will have to excuse me for not replying to your last request for a letter for "Turbine Topics" sooner, but I have been very busy the last couple of weeks.

I have been transferred to Chanute Field, Ill. I am going to the parachute riggers school. It will last for seven weeks and then I hope to be shipped to my permanent base or else go to another school. The school I was supposed to go to which was cryptography (coding and decoding messages) was closed so they had to send me to another one.

The Army Air Corps and I are getting along fine. It is a good experience for any young fellow and I am not a bit sorry in any way that I am in. I was homesick for a while but you get over that in a couple of days.

Well, as I said before I am pretty darn busy so I will have to close. Before I do, I wish to express my thanks to all of you for the Victory notes I have received regularly each month. It really comes in handy. And also I want to say hello to everybody at S. M. S.

Best of luck, CALVIN RUDACILLE.

Sampson, N. Y., May 14.

Finally got around to sending that letter that I should have written when you sent that card with your address. I waited till I got my picture. This picture is not so good for it was taken when I was in Geneva with my undress blues, for we didn't get the ones with the stripes on the bib yet. Our Company was lucky to get to town while in boot camp. We had to get a good Saturday inspection, the best in the battalion. That is what is called a rooster.

John Boeckel is in my company along with several other fellows from York. We often play pinocle for a pastime.

Sure was glad to get that shop news along with the $5 from the fellows that I worked with. Although I was there only a short time I know they're a good bunch to work with. I guess that's because the company is also tops. I guess I have a good chance of going to machinist mates school for my marks were up to standards. I told them I had some experience and that should help me a lot. One fellow who bunks next to me took a special test that qualified him for 2nd class petty officer, specializing as machinist mate. He was formerly employed at the Philadelphia Navy Yard. He was a set-up man with a good bit of experience.

Today we had rifle practice and will soon be home on leave. Boot camp only lasts about eight weeks. Then we have seven days before we go to school or sea duty.

Sure hope you don't have to lose any more fellows to the draft who are married. How many apprentices are there left? I sure wish I was back. This navy life is all right but you sure have to keep on the ball and do just what the officer wants. After boots it will not be so bad. Then you will be able to leave camp once in a while and have more freedom. We can't even go into another regiment without a pass. For recreation we can go swimming, play pool, table tennis, basketball, go to a free movie or bowling at ships service.

Tell the fellows I said hello.

APPRENTICE RICHARD RAUCH.

P. S.—It's no longer machinist apprentice but seaman.

Glendale, Calif., May 14.

I just received Vol. 1, No. 1 of Turbine Topics and I was very much pleased with the contents. However contorted my sense of appreciation may seem, I still insist the most remarkable item in that first issue is the "stubbed-toe-crying-baby" expression on Vern Hoke's face in that picture on Page 18. After seeing that picture I suppose he throws a monkey wrench at every photographer he sees. All joking aside the magazine is really a credit to good old S. M. S. I think Elmer, Dietz, Voaden and Pierce should be commended highly for their versatile abilities, because after spending the greater part of their lives throwing turbines together one just wouldn't suspect them of being first-rate editors.

V ◇ ◇ ◇ — MAIL

After reading the experiences of some of the other fellows in the service, I feel a bit reticent about telling of my activity since enlisting. You see, some of those boys have been doing some actual "blood sweating" toward the conclusion of this gory mess whereas my entire time so far has been spent being a liability to Uncle Sam. After six weeks of basic military training I was assigned to Curtiss Wright Tech. Ins. and have just finished their course of airplane maintenance training. So up to now old Sammy has been telling me HOW to do my job and I wasn't able to do anything practical in return.

Thanks again for all those very welcome V notes. They have "saved" me financially many times and I feel sure many of the other boys have had the same experience.

Sincerely,
PFC. JOHN A. STROBECK.

Camp Sibert, Ala., May 20.

I'm sorry I haven't been able to write to you any sooner but I have been very busy. Received your V note and also the "Turbine Topics." It sure is a great piece of work. Makes a fellow feel as if he is closer to the plant than he really is.

You asked me in your letter if I would write letters and send you a picture of myself in uniform. I haven't any picture just now as I haven't had time to have any taken, but will send one just as soon as I can.

The Southern people are very hospitable, which makes it quite easy for a fellow to get around and see things.

We will soon be finished with our training and then we are moving someplace else. I will let you know more about it when the time comes.

Whenever I find something I think would interest you for your paper, I will be glad to send it to you.

Well the news at this time is pretty scarce so I will close for now. Say hello to all the gang for me.

Yours sincerely,
PVT. LEO. A. FISHEL.

Springfield, Mo.

Sorry I did not write sooner, but I knew I was going to be sent to school and didn't know where. So I waited till I was sent so I could send you my address.

I was promoted to Pfc. on May 5. I was pretty lucky because I only had six weeks of basic training instead of twelve weeks.

I am looking forward to the "Turbine Topics" this month. I showed it to my boy friends here, and they also like it very much.

This is really a very nice place out here. Everything is nice and green. Our barracks have hardwood floors, and every month civilians come and wax the floors.

We have no details to do, but we do have plenty of studying. Springfield is three miles from camp and five cents fare by bus. Its population is 61,675. There is no Army camp within eighty miles from here. This hospital is like a college campus run by the Army.

The food here is very good, the best I have had yet in the Army. I weighed 155 lbs. when I came in and now weigh 181 lbs. I am going to take pictures and send them to my wife.

We are having a bond drive here among the soldiers, so my raise of four dollars per month was transferred to buying a bond.

Sincerely,
ROBERT L. SPRENKLE.

Miami Beach, Fla.

It has been a long time since I last wrote to you but I think you understand that it is very hard to keep letters going to everyone. I was very glad to receive your letter even though I have waited so long to answer.

In the meantime I received a copy of "Turbine Topics" and a "V" note. The magazine is something really worth while. It makes a fellow feel good to read about the fellows and see what they are doing at home.

Oh yes, I am now attending a Weather Observers school in Grand Rapids, Mich. As you see I am now a Pfc. The course here is really stiff. All of the fellows have at least one year of college, and we study three hours in the night.

Everything here is 100% better than in Miami. There are plenty of girls. They come for you and bring you home when you date them. There is only a small amount of fellows attending school here, so there are not enough fellows to go around, so help me!

How is Dept. B? Tell Hilda if the boys get out of control, she should tighten up on the bonus. Tell all the fellows I said hello.

I want you to let the fellows all know that I said the Army Air Corps is a swell place. You may become a little homesick, but outside of that there is nothing like it.

Just remember when the lights go on again all over the world it will be plants like S. M. S. Co. behind them furnishing the power.

Your friend and clerk,
BILL BENNINGTON.

Camp Tyson, Tenn., May 26.

I have been receiving the books and money orders from the employees of the firm and I would like to express my appreciation and say "thanks," it sure helps. I will write a letter and send a picture in uniform as soon as I have a picture taken.

Yours truly,
PFC. WILLIAM C. TEST.

Camp Adair, Ore.

Many thanks for the cordial welcome extended to me at the plant. It was good to see the old gang. There has been a great change in the plant but the employees are still the same. Furloughs are a lot of fun but one cannot find time enough for everything. Received the latest "V" note and thanks.

Yours truly,
FRANK KINLEY.

F. P. O., June 29.

Received your Victory Fund check which I appreciated very much. I have been working very hard lately.

Received your shop news and find it very entertaining. I read it from cover to cover, and looked at the pictures many times. In that picture of the lodge I looked for my Dad but I didn't see him. I imagine that he wasn't there at the meeting.

Keep the ball a-rolling, fellows.

Sincerely,
GORDON DRESCHER.

EMPLOYEE BIOGRAPHIES

Following a suggestion made by William Kling, the editors of "Turbine Topics" are introducing a new feature. Printed on this page are the pictures and short biographies of four of the "Old-Timers" who are still working in our plant.

The pictures and biographies of Robert Koch and Walter Gray Sr. have been omitted from this issue because the former was ill and the latter, a road man, was not in the shop when this material was compiled. Their biographies will be included in a later issue.

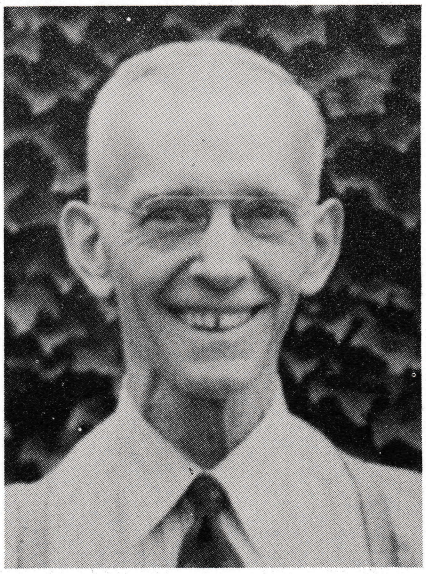
In the August "Turbine Topics" the editors plan to publish the biographies of the next two "Old-Timers" and the biography of one employee whose name will be selected by the lottery system. The drawing of this employee's name will occur at one of the band rehearsals between now and the deadline date for the August issue.

HARRY STRAUSBAUGH

On December 28 of this year as Harry rings in he will be rounding out 52 years of continuous service. Harry started as a laborer in the machine shop and continued working there until 1894 when the foundry was built. Then he pursued his trade, molding. After serving three years in the foundry, he returned to the machine shop where he remained for forty-six years, and is now in the tool room.

Just after Harry came back to the machine shop, one of his first jobs was to help erect the first traveling crane in the plant.

Harry was born in York on November 14, 1866, and completed eight years of school at the Burrows building. He was the father of four children, three boys and one girl. Raymond "Chick" Strausbaugh, who was an S. M. S. employee for 36 years and who died April 1, 1943, was Harry's oldest child.



WILLIAM P. McILVAIN

"Mack" became an S. M. S. employee in 1896, and learned his machinist trade here. At one time he worked as a layer-out for George Schlaanstine, another "Old-Timer" now in the Production Dept. About 1929 he began his present job as the foreman of Floor 1. A well earned promotion resulting from his faithful service.

Born on August 16, 1880, in York, Pa., "Mack" attended the York schools and was graduated from the York High School. His father operated a tavern known as "Doc. Mack's Place."

Mr. and Mrs. McIlvain have already celebrated their 41st wedding anniversary. Their only son is now in the United States Navy. One of their daughters is married to the Rev. Elmer Leas, one of the mixed bowling league's ardent rooters.

"Zeb" is one of our most enthusiastic bowlers.

JOSEPH E. WILLIAMS

Joe Williams was born at Frederick, Md., on July 22, 1878. In 1896 he started working as a gardener and hostler for the founder of our company, S. Morgan Smith. Joe was transferred to the foundry in 1899. He learned moulding for one year and then went into coremaking.

When Joe began working here the foundry was located at the present site of the Store Room. He says that everything was handled in those days by chain and fall hoists and wood constructed cranes; there were no electrically operated cranes.

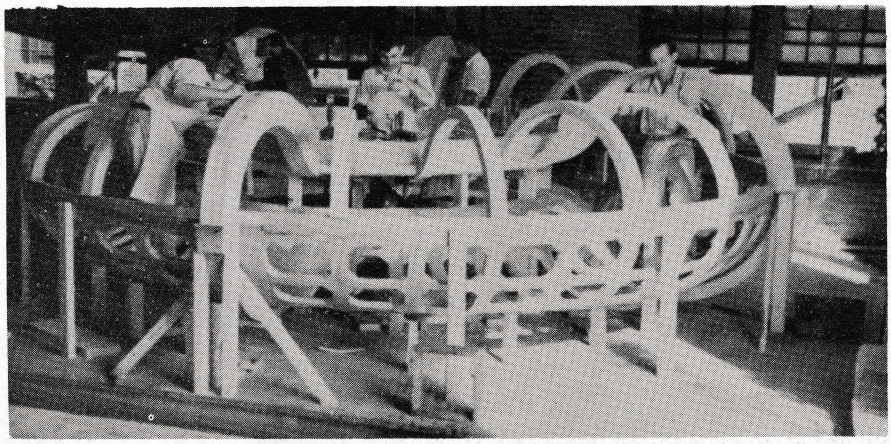
During the depression of the thirties, he was fireman and watchman. When the yard gang was organized in 1935, Joe was placed in charge of them under the supervision of James S. T. Strayer, and he has been gang leader to the present time. His gang was responsible for cleaning out the old foundry when the Plate and Weld Shops moved in.

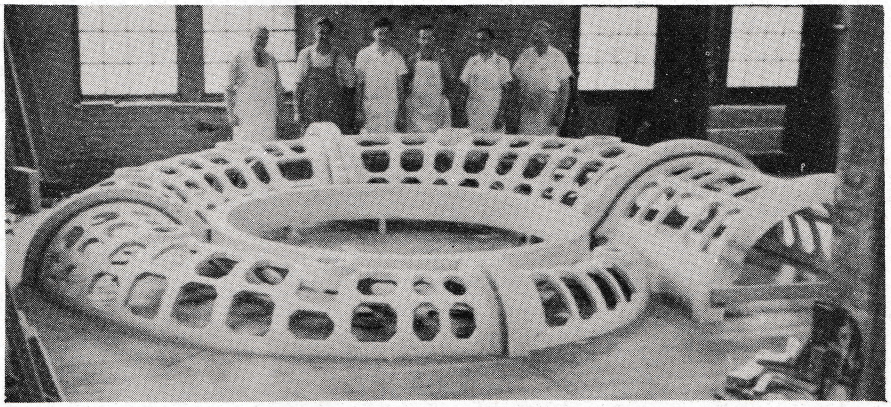
SAMUEL KORMENY

S. Morgan Smith's oldest patternmaker was born in Hellam, Pa., October 5, 1864, and later moved to York.

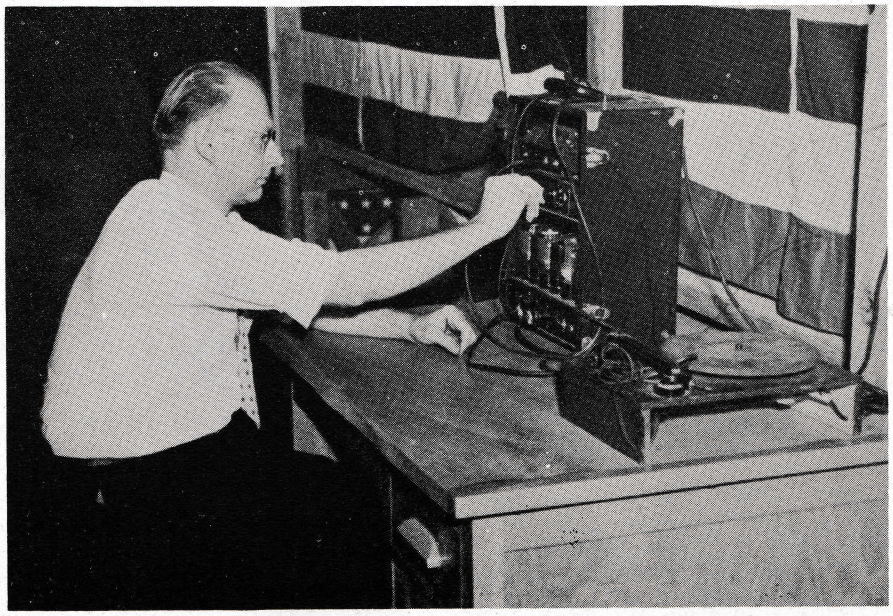
During the year 1892 he was persuaded by Ehran Petry, then foreman of S. M. S. Pattern Shop, to learn patternmaking. Patternmakers at this early stage of industry were very scarce. It was the custom then for them to make their own sketches or drawings and build the patterns as the drawings were made.

If there is any employee that can come up to Sam's attendance record, he will have a high score to shoot at. In his 51 years of service he was late less than five times, and very seldom missed a day's work. At the present time he is enjoying the best of health and you will find him at his bench each morning at 6:30. He can tell you about many things that happened in the past half century and how things have changed since S. Morgan Smith held the reins. At that time he told Sam, "The time will come when I will have this whole field built up." Sam says his words have been fulfilled.





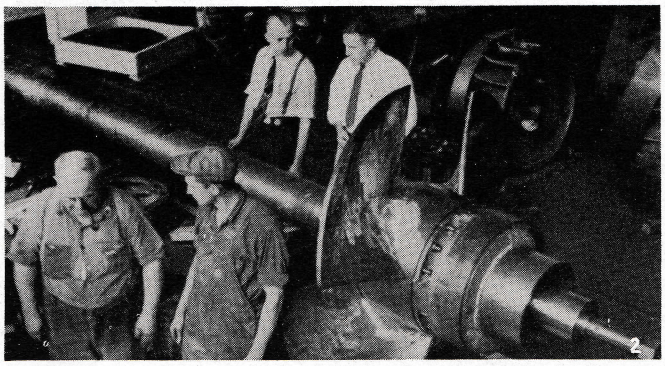
PATTERNMAKERS BUILDING SCROLL CASE PATTERN for Abanico Plant, W. R. Grace Co., Chile.

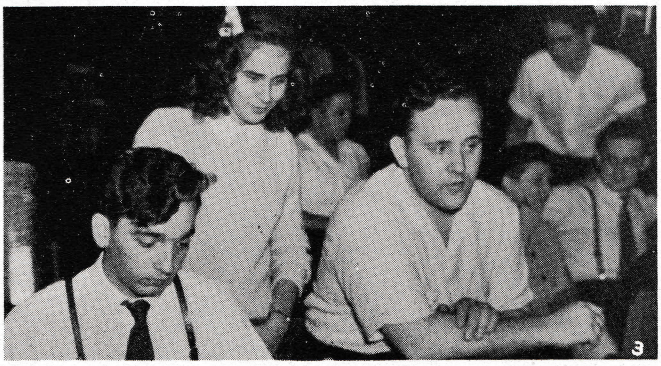


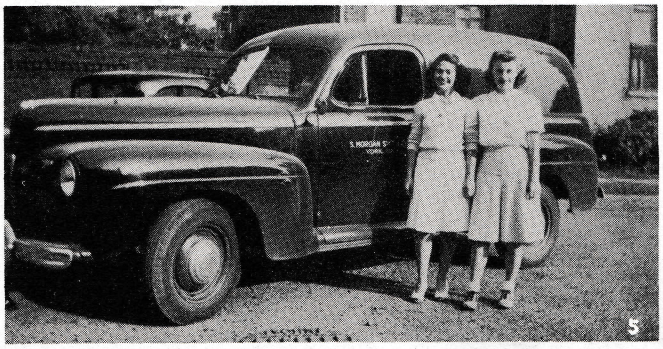
PAUL STUMPF, Weld Shop, sound technician of the Hill Billy Serenaders group, at work behind the scenes at the party June 9.

EDITOR'S NOTE—In the May issue of "Turbine Topics," Roland Crull Whisler's birth date was reported as November 19, 1915, and should have been November 19, 1916. The misstatement occurred in the obituary of his father, Grant Crull Whisler. The editors apologize for this error.

CAMERAMAN . . . . .





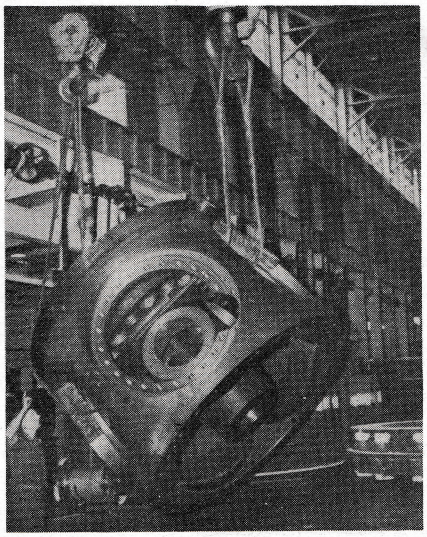


1 and 2—Shop inspection of 61″ adjustable blade pump impeller for the Lummus Co., Neches-Butane Plant.

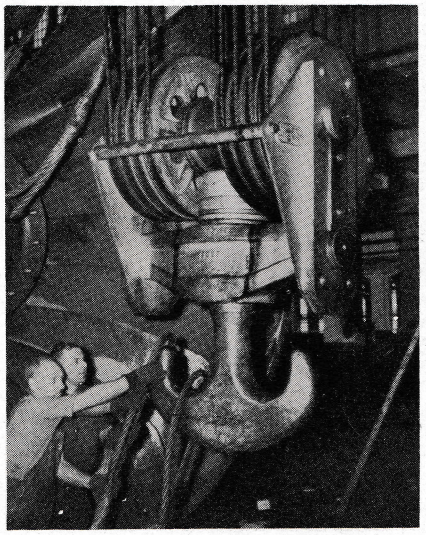
3—Betty Zech checking up on scorekeeper Boeckel.

4—Ferd Witmer must have told June Kehoe and Emma C. Miller one of his famous stories.

5—Vivian Smith and Ruth Jamison with new mail ?? truck.



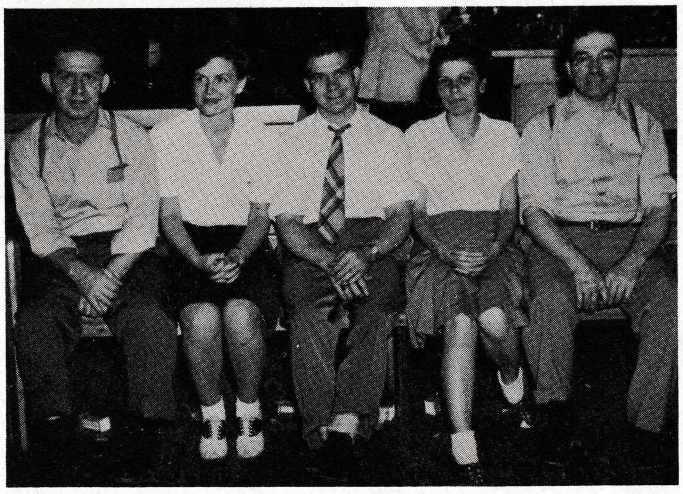
Turning Bonneville Hub.



The Riggers.

Hans Hamm, whose charcoal drawing of Henry Wuerthner was reproduced in the June issue of "Turbine Topics."

BOWLING NEWS

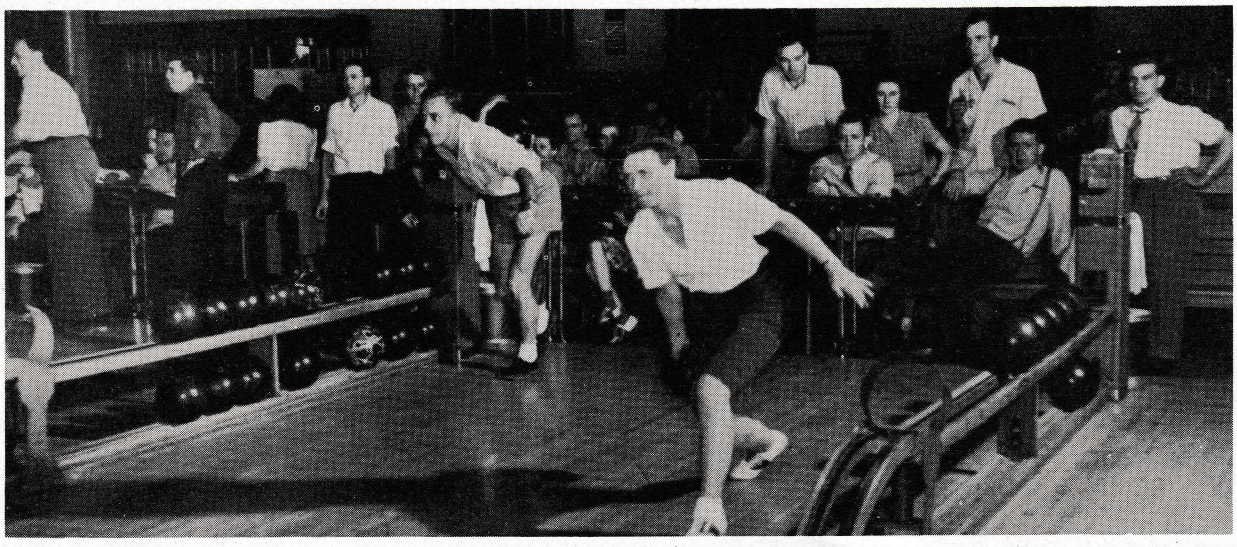


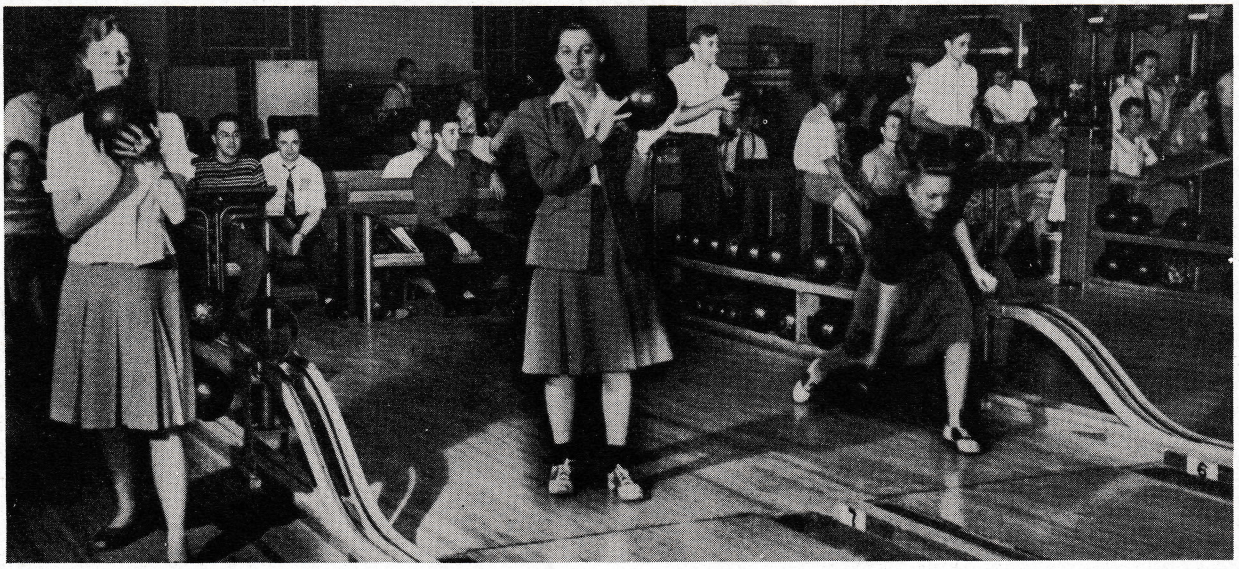
The Links—Winners of First Half.

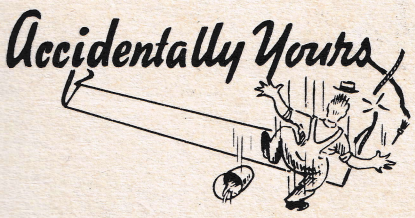
S. M. S. TURBINE LEAGUE
FINAL STANDINGS FOR FIRST HALF

Team	Captain	Won	Lost
Links	A. Gotwalt	19	2
Hubs	G. Bell	12	9
Flanges	C. Boeckel	12	9
Shafts	D. Wolf	11	10
Runners	R. Everhart	11	10
Gates	H. Trone	9	12
Pistons	F. Boyd	6	15
Blades	P. Grissinger	4	17

"Let's start a bowling league," someone suggested to the girls in the plant. From this simple beginning the "S. M. S. Turbine League" originated in April. The organizers decided to experiment with a mixed league, two girls and three men to a team, and bowling ten-pins instead of the duck-pin game which has always been the major sport at S. M. S. The league began its season on Thursday, May 13, and on June 24 the teams completed the first half. The "Links," Albert Gotwalt, captain, were the winners, leading with a 7-game margin.







A headline the other day:

"Accidents Kill Two American Workers for Every Axis Worker Killed." The article continued: "Our accident rate is double that of our Axis enemies. For each 100,000 of population 86 Americans are killed by accidents each year. In Germany only 43 die and in Japan only 42."

This IS something to think about. . . . Are they smarter than we are? Do they place a higher value on their own lives? Or, are they better managers?

WELCOME! NEW EMPLOYEES

Lloyd B. Fake, Navy Assembly; Paul H. Renton, Design Dept.; John S. Lightner, Guard; Reda Bortner, Personnel secretary; Rodney Bond, Tool Room; and William A. Willoughby, Dept. B.

JULY BIRTHDAY GREETINGS

1—Chester O. Reisinger, Weld.

3—Rufus Haverstick, Traffic; Milton Strausbaugh, Navy Erection; and Samuel E. Rehm, Dept. C.

4—Dan Flohr, foreman Dept. B; Pvt. Leo A. Fishel, U. S. Army; Vivian Smith, Main Office mail clerk, telephone operator; and George Zech, Floor 3 and 4.

5—Anna Wolf, Main Office vault clerk; and Mary E. Myers, Navy, Main Office.

6—Paul L. Miller, Pattern Shop; and Guy Runk, Dept. B.

9—Charles Burd, Dept. C; Robert Luzier, secretary in Engineering Dept.; and Stewart O. Stump, Pattern Shop.

10—Joseph Clancy, guard.

12—Philip Aldinger, Sales Dept.

13—Francis Bowker, Floor 1.

14—Pvt. Clarence Meisenhelter, Army Air Corps; and Carl Stump, Floor 3 and 4.

15—Betty Becker, Production Dept.; Chester Deardorff, Dept. B; George Gundel, Time Study; and Vere Shank, Dept. A.

16—Silas Hartman, Dept. C; Ervin J. Sterner, Plate Shop; and Harry Wolf, Tool Room.

17—Harry Keeney, Dept. C; Paul M. Moul, Maintenance; and Walter Sheffer, Dept. C.

18—Harry Hartman, Design Dept.; and Clair Rusher, Dept. A.

19—Paul Billett, Production Dept.; M. E. Leppo, Weld Shop; and Paul Strayer, Design Dept.

20—Russel Seidenstricker, Dept. B; and Burwell B. Smith, company vice-president.

21—James B. Singley, Pattern Shop; R. J. Wagaman, Weld Shop; and William Wagonhafer, T. S.

22—Rodney Bond, Tool Room; Samuel Delp, Dept. B; George Leicht, working foreman, Weld Shop; Clarence Young, Shop Office; Joe Williams, Yard Gang; and Walter J. Avis, F 2/c, U. S. Navy.

23—James Klinedinst, Floor 1.

24—Richard Renolds, Store Room.

25—Francis E. Miller, Dept. C.

26—Henry Boward, Floor 1; Pvt. Robert Kressler, U. S. Army; and Edwin Murphy, Design.

28—Chauncey Landis, guard; and Fred O. Meisenhelder, Engineering Dept.

29—Gladys Sauerwald, secretary Main Office; Grant H. Voaden, Engineering Dept.; and Phil Wecker, Production Dept.

31—Paul Kopp, Plate Shop.

Our First Aid Room Ten Years Ago

PROBLEM OF THE MONTH

If a tapered collar is 6.700″ long and the bore of its large and small diameters are 4.300″ and 3.800″, respectively, what is the length of a tapered plug having the same taper per foot as the collar, if its large and small diameters are 4.500″ and 3.200″, respectively?

Keep Buying Bonds

UNCLE SAM'S SHOPPING LIST

For The Army

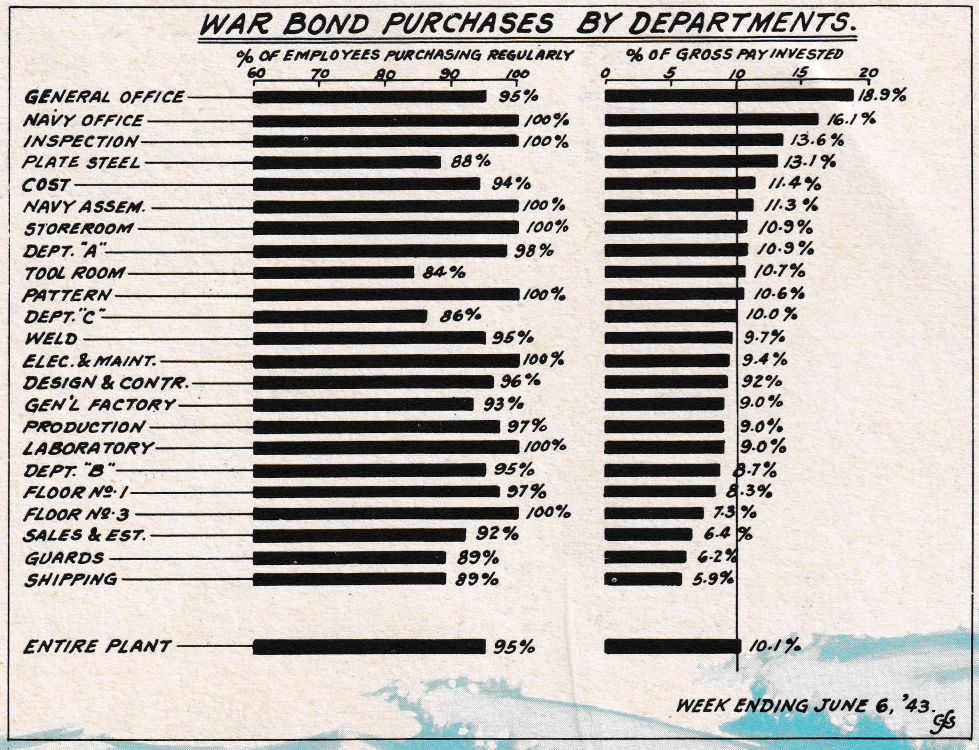
Balloon—Weather	$ 7,500.00
Bombardier Kit (Air Corps)	52.00
Bombs—General Purpose, 100-lb.	41.63
Bombs—General Purpose, to 4,000 lbs.	872.42
Bullets—for Garand, each .055 . . . . per M	55.00
Camera—Aerial (Air Corps)	3,400.00

For The Navy

Airplane engine, 1,200 h.p.	9,000.00
Barometer (mercurial)	160.00
Boat—10-foot sponge rubber (with outboard motor)	868.00
Boat—Aircraft Rescue, 45-ft.	20,000.00
Depth Charge—300 pounds	105.00
Diving Outfit—deep sea	2,500.00
Glider	2,500.00
Landing Barge—ocean-going	2,000,000.00
Landing Craft—36-ft.	12,500.00
Operating table for Navy hospital	400.00

For The Marines

Clothing and equipment for an enlisted man	200.00
Field Oven	1,248.00
Flame Thrower	950.00
Grenade—hand, fragmentation	1.56
Machine Gun—Browning, light, air-cooled, 30-cal.	534.50
Shell—high explosive, 75-mm., Pack Howitzer	15.14

For The Coast Guard

Clothing and equipment for an enlisted man	140.00
Jeep for beach patrol	1,005.00
Life Raft—for 25 persons	2,650.00
Radio communications truck	3,955.00
Sound detector for anti-sub patrol	6,380.00
Troop transport truck	1,600.00